

PATENT ABSTRACTS OF JAPAN

(11)Publication number : **62-152720**
 (43)Date of publication of application : **07.07.1987**

(51)Int.CI. **B29C 55/00**
 // **B29K 29:00**

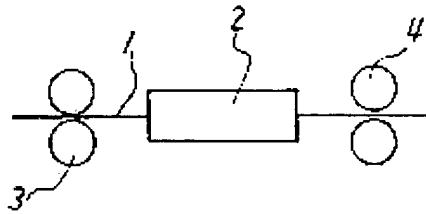
(21)Application number : 60-292891	(71)Applicant : NIPPON TELEGR & TELEPH CORP <NTT>
(22)Date of filing : 27.12.1985	(72)Inventor : AMANO MICHYUKI NAKAGAWA KOICHI

(54) MANUFACTURE OF HIGH-STRENGTH POLYVINYL ALCOHOL MOLDED PART WITH HIGH ELASTICITY MODULUS

(57)Abstract:

PURPOSE: To make it possible to realize polyvinyl alcohol (PVA) products in various shapes higher in strength and elasticity modulus by a method wherein a polyvinyl alcohol molded part is oriented by heating with microwaves in two steps at specified orienting temperatures.

CONSTITUTION: When a PVA molded part 1 is oriented by heating with microwaves, the part is heated with microwaves at an orienting temperature of 160°C or lower and oriented at a draw ratio of 8. After that, the part is further heated with microwaves at an orienting temperature of 170W210°C and oriented at least draw ratio of 15. Because high-strength PVA molded parts with high elasticity modulus in various shapes can be manufactured in such a manner as mentioned above, the resultant molded part can be used for various applications such as rope, tape material, communication cable material, film material, construction material and the like, to all of which the strength and resistance to deformation are requested.



LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]